Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of the claims in the application:

Claims 1-4 Cancelled

5. (Previously Presented) The system of Claim 42, wherein the size of the icon is selected from a limited number of discriminably different sizes.

6. (Previously Presented) The system of Claim 42, wherein the size of the icon has a continuously variable relationship with the third coordinate z.

7. (Previously Presented) The system of Claim 42, wherein the size of the icon is directly proportional to the third coordinate z, such that a larger value of the third coordinate z is represented on the display by a larger size of the icon.

8. (Previously Presented) The system of Claim 42, wherein the size of the icon is inversely proportional to the third coordinate z, such that a larger value of the third coordinate z is represented on the display by a smaller size of the icon.

Claims 9-11 Cancelled

12. (Currently Amended)A system for conveying aircraft altitude to a human observer, the system comprising:

a processor receivingadapted to receive latitude, longitude, and altitude information relating to an aircraft, wherein the altitude information corresponding[s] to an altitude of the aircraft relative to a geographic reference, wherein the processor determines, based on the altitude information, a shape for an icon representing the aircraft, wherein the shape is indicative

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of the altitude of the aircraft relative to the geographic reference~~is further adapted to convert the altitude information to an icon having a shape that changes in response to the altitude information~~; and

a display in operable communication with~~coupled to~~ the processor, the display providing a two-dimensional planar view and having a first axis representing latitude and a second axis representing longitude, wherein the processor directs the display to present the icon at a position on the display indicative of the latitude and longitude of the aircraft, wherein the shape of the displayed icon is indicative of the altitude of the aircraft relative to the geographic reference, and wherein the processor directs the display to change the shape of the icon in response to a change in the altitude information .~~is further adapted to represent the icon on the display at a position on the display indicative of the latitude and the longitude, wherein the icon represented on the display has the shape, which is indicative of the altitude of the aircraft relative to the geographic reference.~~

13. (Currently Amended) A method of conveying location of an object, the method comprising:

receiving location information regarding the object, the location information including a first coordinate x, a second coordinate y, and a third coordinate z, wherein the third coordinate z represents an altitude of the object relative to a geographic reference;

correlating the first and second coordinates (x,y) with a location of an icon on~~in~~ a display, the display providing a two-dimensional planar view and having a first axis representing the x coordinate and a second axis representing the y coordinate; ~~and~~

correlating the third coordinate z with a shape of the icon, wherein the icon shape is indicative of the value of ~~changes in response to changes in~~ the third coordinate z; and

displaying the icon on the display, wherein the shape of the displayed icon ~~has the shape that~~ changes in response to changes in the value of the third coordinate z, and wherein the displayed icon has a position on the display indicative of the first and second coordinates (x,y).

Claims 14-25 Cancelled

26. (Previously Presented) The method of Claim 39, wherein the size of the icon is selected from a limited number of discriminably different sizes.

27. (Previously Presented) The method of Claim 39, wherein said correlating provides a continuously variable relationship between the size of the displayed icon and the third coordinate z.

28. (Previously Presented) The method of Claim 39, wherein said correlating provides a direct relationship between the size of the icon and the third coordinate z, such that a larger value of the third coordinate z results in a larger size of the displayed icon.

29. (Previously Presented) The method of Claim 39, wherein said correlating provides an inverse relationship between the size of the icon and the third coordinate z, such that a larger value of the third coordinate z results in a smaller size of the displayed icon.

Claims 30-38 Canceled

39. (Currently Amended) The method of Claim 13, further including:
        correlating the third coordinate z with a size of the icon, wherein the icon is indicative of the value of ~~size changes in response to changes in~~ the third coordinate z; and
        displaying the icon on the display, wherein the shape and the size of the displayed icon ~~has the shape and the size that~~ both change in response to changes in the value of the third coordinate z.

40. (Currently Amended) The method of Claim 13, further including:
        correlating the third coordinate z with a color of the icon, wherein the icon color is indicative of the value of ~~changes in response to changes in~~ the third coordinate z; and
        displaying the icon on the display, wherein the shape and the color of the displayed icon ~~has the shape and the color that~~ both change in response to changes in the third coordinate z.

41. (Currently Amended) The method of Claim 13, further including:

correlating the third coordinate z with an intensity~~intesnity~~ of the icon, wherein the icon

intensity is indicative of the value of ~~changes in response to changes in~~ the third coordinate z;

and

displaying the icon on the display, wherein the shape and intensity of the displayed icon

~~has the shape and the intensity that~~ both change in response to changes in the value of the third

coordinate z.

42. (Currently Amended) The system of Claim 12, wherein the processor determines the size of

the icon based on the altitude information, ~~is further adapted to convert the altitude information~~

~~to the icon having a size that changes in response to the altitude information,~~ such that~~wherein~~

the icon [re]presented on the display has both a ~~the~~ shape and a~~the~~ size that~~, both of which~~ are

indicative of the altitude of the aircraft relative to the geographic reference, wherein the

processor further directs the display to change both the size and the shape of the icon in response

to a change in the altitude information.

43. (Currently Amended) The system of Claim 12, wherein the processor determines a color for

the icon based on the altitude information, ~~is further adapted to convert the altitude information~~

~~to the icon having a color that changes in response to the altitude information,~~ such that~~wherein~~

the icon represented on the display has both a~~the~~ shape and a~~the~~ color that~~, both of which~~ are

indicative of the altitude of the aircraft relative to the geographic reference, wherein the

processor further directs the display to change both the shape and the color of the icon in

response to a change in the altitude information..

44. (Currently Amended) The system of Claim 12, wherein the processor determines the

intensity of the icon based on the altitude information~~is further adapted to convert the altitude~~

~~information to the icon having an intensity that changes in response to the altitude information,~~

such that ~~wherein~~ the icon [re]presented on the display has both a ~~the~~ shape and an~~the~~ intensity

that ~~, both of which~~ are indicative of the altitude of the aircraft relative to the geographic

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reference, wherein the processor further directs the display to change both the intensity and the shape of the icon in response to a change in the altitude information.

45.   (New) The system of claim 12, wherein the processor receives altitude information from the aircraft itself.

46.   (New). The system of claim 12, wherein the processor receives altitude information from a radar.

47.   (New) The method of claim 13, further comprising receiving location information regarding the object from the object itself.

48.   (New) The method of claim 13, further comprising receiving location information regarding the object from a radar.